

Amendments to the Specification:

1.) Please replace the paragraph beginning at page 8, line 16, with the following rewritten paragraph:

The RX_DISTANCE_RESOLUTION holds a six-bit resolution for the distance. A higher resolution than 1 clock cycle is needed for high-speed ports. As an example, the distance for a 45 Mbit port must be ~~22,625~~ 22.625 and not 22 or 23. This is accomplished by setting RX_DISTANCE to 22 and RX_DISTANCE_RESOLUTION to ~~0,625~~ 0.625.

2.) Please replace the paragraph beginning at page 12, line 22, with the following rewritten paragraph:

TX_DISTANCE_RESOLUTION holds a six-bit resolution for the distance. A higher resolution than 1 clock cycle is needed for high-speed ports. As an example, the distance for a 45 Mbit port must be ~~22,625~~ 22.625 and not 22 or 23. This is accomplished by setting TX_DISTANCE to 22 and TX_DISTANCE_RESOLUTION to ~~0,625~~ 0.625.